

Electronic Acknowledgement Receipt

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International Application Number:	
Confirmation Number:	7886
Title of Invention:	Sparse and efficient block factorization for interaction data
First Named Inventor/Applicant Name:	Francis X. Canning
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)

1	Miscellaneous Incoming Letter	Transmittal_CANNING.pdf	59062	no	2							
Warnings:												
Information:												
2		Amendment_CANNING.pdf	614663	yes	14							
	Multipart Description/PDF files in .zip description											
	Document Description		Start	End								
	Amendment After Final		1	1								
	Claims		2	6								
	Applicant Arguments/Remarks Made in an Amendment		7	14								
Warnings:												
Information:												
3	Information Disclosure Statement (IDS) Filed	IDS_CANNING.pdf	175797	no	3							
Warnings:												
Information:												
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4	NPL Documents	NPL1_CANNING.pdf	181128	no	8							
Warnings:												
Information:												
5	NPL Documents	NPL2_CANNING.pdf	411345	no	8							
Warnings:												
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6	NPL Documents	NPL3_CANNING.pdf	5475158	no	20							
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7	NPL Documents	NPL4_CANNING.pdf	470569	no	11							
Warnings:												
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8	NPL Documents	NPL5_CANNING.pdf	114824	no	4
Warnings:					
Information:					
9	NPL Documents	NPL6_CANNING.pdf	147125	no	4
Warnings:					
Information:					
10	NPL Documents	NPL7_CANNING.pdf	1310037	no	18
Warnings:					
Information:					
11	NPL Documents	NPL8_CANNING.pdf	235332	no	4
Warnings:					
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Information:					
13	NPL Documents	NPL10_CANNING.pdf	120188	no	4
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15	NPL Documents	NPL12_CANNING.pdf	831103	no	20
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17	NPL Documents	NPL14_CANNING.pdf	233593	no	7
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18	NPL Documents	NPL15_CANNING.pdf	72930	no	2
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19	NPL Documents	NPL16_CANNING.pdf	90734	no	2
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31	Fee Worksheet (PTO-06)	fee-info.pdf	8185	no	2
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.